

**EXHIBIT A-1**  
**TO**  
**LICENSE AGREEMENT**

**Foundation Patent Rights - Exclusive License**

**DIRECTED HUMAN IMMUNE GLOBULIN**

Serial Number 08/458,418 (18-01)

Serial Number 08/459,164 (18-03)

Serial Number 08/460,622 (18-04)

**Related Foreign Patents and Applications**

Serial Number 32718/93 Australia

Serial number 2,117,480 Canada

Serial Number 93910435.3 European Patent Office

Serial Number 5-514800 Japan

**BROADLY REACTIVE OPSONIC ANTIBODY**

U.S. Patent No. 5,971,511 (02-05)

Serial Number 08/458,414 (19-01)

**Related Foreign Patents and Applications**

Serial Number 2,132,421 Canada

Serial Number 93907460.5 European Patent Office

Serial Number 105119 Israel

Serial Number 5-516636 Japan

Serial Number 45928 Phillippines

Serial Number 93/1969 South Africa

**IN VITRO METHODS**

**Serial Number 08/466,059 (20-02) – In Vitro Methods for Identifying Pathogenic Staphylococcus, for Identifying Immunoglobulin Useful for the Treatment of Pathogenic Staphylococcus Infections and In Vitro Methods for Employing Such Immunoglobulin**

**Gerald W. Fischer (VSI)**

**New application filed on 6/6/96; initial patent application filed on 10/22/90 (which was abandoned)**

**This patent application describes staphylococcal antigens that induce broadly reactive opsonic antibodies to both coagulase positive and negative staphylococci. Claims for such antigens may be useful in diagnostics and of value in vaccine constructs.**

**Related Foreign Patents and Applications**

**SURFACE PROTEINS**

**Serial Number 08/472,715 (21-01)**

**Serial Number 08/471,285 (21-03)**

**Related Foreign Patents and Applications**

**Serial Number 36371/95 Australia**

**Serial Number 2,200,691 Canada**

**Serial Number 95933880.7 European Patent Office**

**Serial Number 8-511066 Japan**

**With respect to the Foundation Licensed Technology listed on Exhibit A-2, an exclusive worldwide right and license is granted that is limited to the field of the prevention and treatment of staphylococcal infections.**